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USER GUIDE

Aleratec
1:2 DVD/CD Copy Cruiser Pro HLX™
Win/Mac

Part No. 260167

Copyright/Model Identification

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— — — — — — — — — — — — —

Please record the following information to help expedite any warranty claim:

Model No. _____ Serial No._____

Date Purchased _____

Place of Purchase _____

NOTE: Please store and track the included software, registration codes and parts carefully. Requests for replacement software, registration codes, and/or parts may incur a fee.

Radio/TV Interference Statement

The equipment described in this guide emits radio frequency energy. If it is not installed in accordance with the manufacturer's instructions, it may cause interference with radio or television reception.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instruction manual, this equipment may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be verified by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an electrical outlet on a circuit that is different from the circuit to which the receiver is connected.
- Consult your dealer or an experienced radio/TV technician for help.

This equipment has been certified to comply with the limits for a Class B computing device, pursuant to FCC Rules. In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and/or modifications made to this equipment, without the approval of manufacturer, could void the user's authority to operate this equipment.

Safety Regulations

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

To avoid electrical shock, do not open the cabinet. Refer servicing to authorized personnel only.

CAUTION

As the laser beam in this DVD/CD Duplicator is harmful to the eyes, do not attempt to disassemble the cabinet. Refer servicing to authorized personnel only.

The use of optical instruments with this product will increase eye hazard.

This DVD/CD Duplicator is classified as a CLASS 1 LASER PRODUCT.

The CLASS 1 LASER PRODUCT label is located on top of the internal drive enclosure.

CLASS 1
LASER PRODUCT

LASER KLASSE 1
PRODUKT

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Introduction

Thank you for purchasing this 1:2 DVD/CD Copy Cruiser Pro HLX Win/Mac. Please read this User Guide thoroughly before using this product.

- Page 3 shows the front panel of the 1:2 DVD/CD Copy Cruiser Pro HLX Win/Mac.
- Page 4 shows the Duplicator LCD Display Panel.

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- **www.twitter.com/Aleratec**
- **www.youtube.com/Aleratec**

Introduction

Key Items – 1:2 DVD/CD Copy Cruiser Pro HLX Win/ Mac

Note: Choose a Good Location

1. Allow adequate clearance for moving parts.
2. Do not place near heat sources such as radiators or air ducts, or in a place subject to direct sunlight, excessive dust, mechanical vibration or shock.
3. Good care will help assure maximum product life. Improper operating environment and misuse may void the warranty.

Introduction

Front Panel

1 Disc Tray

This tray is for loading the disc. It will accept 120 mm and 80 mm discs. Please place the disc in the exact center of the tray.

2 Emergency Eject Pinhole

In the event of loss of power or failure to open the tray by pressing the Eject button, insert the straightened end of a large paper clip or similar rigid object into the Emergency Eject hole to open the tray.

3 Drive LEDs

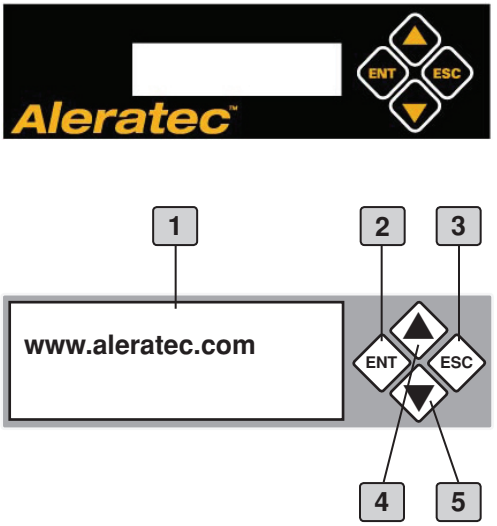
This indicator lights up when data is being accessed or when data is being recorded on a disc.

4 Eject Button

This button is used to open or close the tray.

Introduction

DVD/CD Copy Cruiser Pro HLX Win/Mac Display Panel



1 Display shows all functions and messages

2 **ENT** button is used to execute a selected function

3 **ESC** button is used to cancel a selected function

4 **UP** arrow is used to scroll up through functions or menus

5 **DOWN** arrow is used to scroll down through functions or menus

Precautions

Before installing your 1:2 DVD/CD Copy Cruiser Pro HLX Win/Mac, please read the following.

Installation

Avoid placing the 1:2 DVD/CD Copy Cruiser Pro HLX Win/Mac in a location subject to:

- High humidity
- High temperature
- Excessive dust
- Mechanical vibration
- Direct sunlight
- Electromagnetic radiation

Operation

Do not move the 1:2 DVD/CD Copy Cruiser Pro HLX Win/Mac during operation. This may cause it to malfunction during operations.

Avoid exposing the duplicator to sudden changes in temperature as condensation may form on the lens inside the duplicator. Operating the duplicator immediately after a sudden increase in temperature may result in a malfunction during playback or writing operations.

> **Note:** The 1:2 DVD/CD Copy Cruiser Pro HLX Win/Mac must never be cleaned with a lens cleaning kit!

Transportation

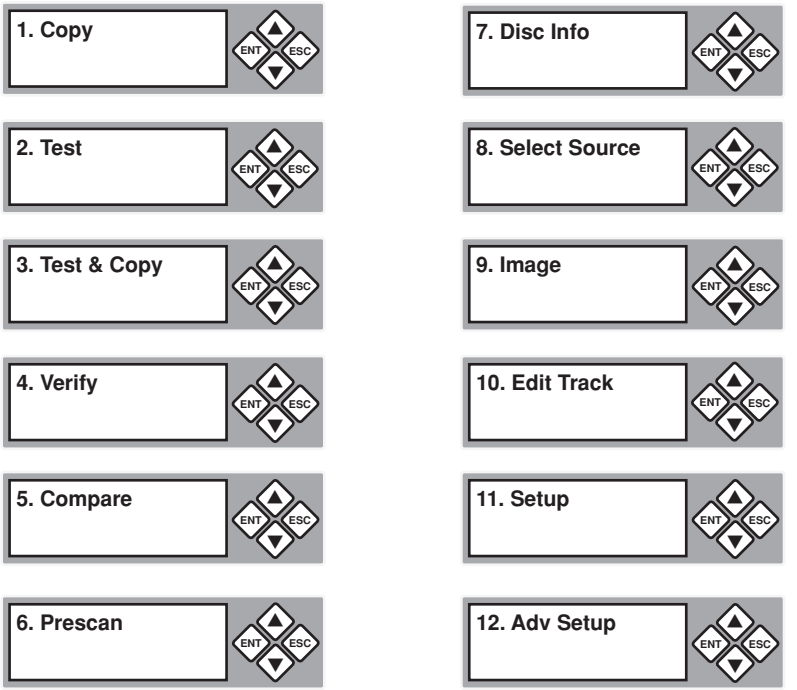
Keep the original packing materials for future moving or shipping of the 1:2 DVD/CD Copy Cruiser Pro HLX Win/Mac.

Overview

Main Menu

This section provides a listing of the functions on the 1:2 DVD/CD Copy Cruiser Pro HLX Win/Mac. Detailed descriptions of each function are given in the next section. The functions are numbered for easy reference; these numbers are also used in the next section.

There are 12 main menu items that will display in the 1:2 DVD/CD Copy Cruiser Pro HLX Win/Mac Display Panel. These are:

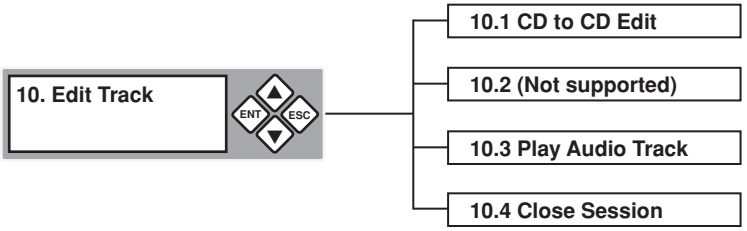


Note: Main Menu items “Select Source” (number 8) and “Image” (number 9) are not supported.

Note: Main Menu items “Edit Track” (number 10) is for Audio disc only.

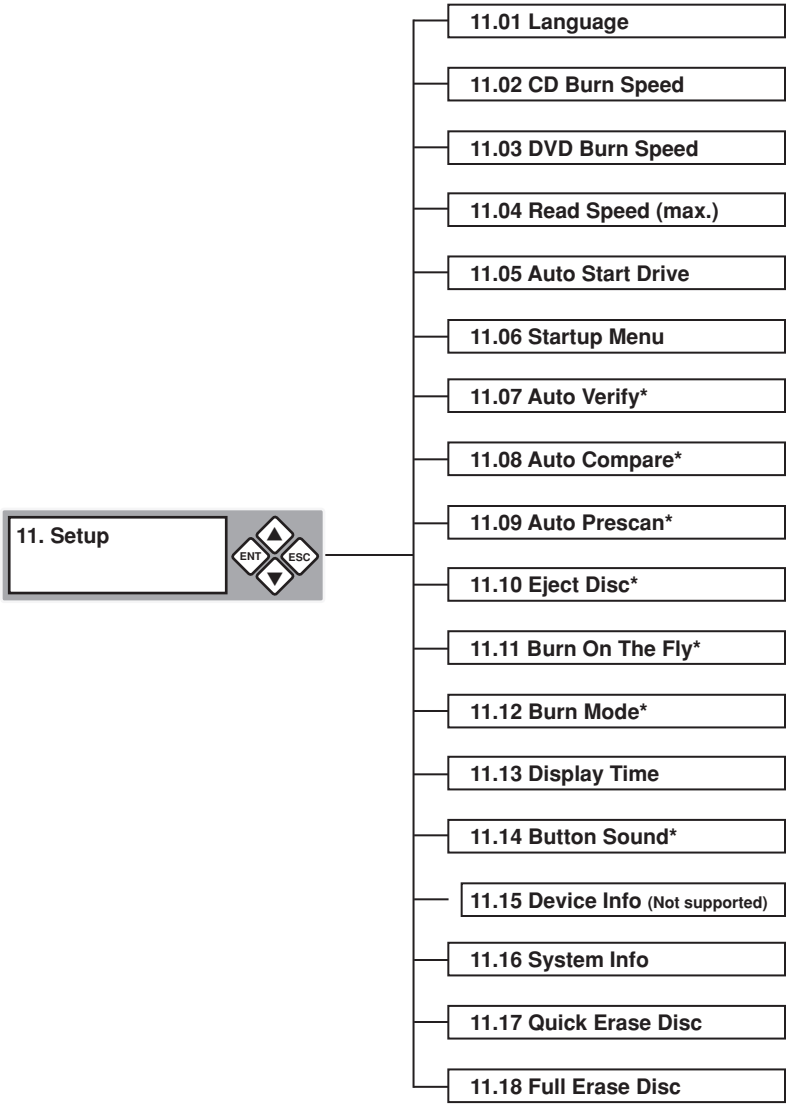
Subfunctions

The main menu “Edit Track” (for Audio disc only) function has 4 subfunctions. These are:



Subfunctions - *continued*

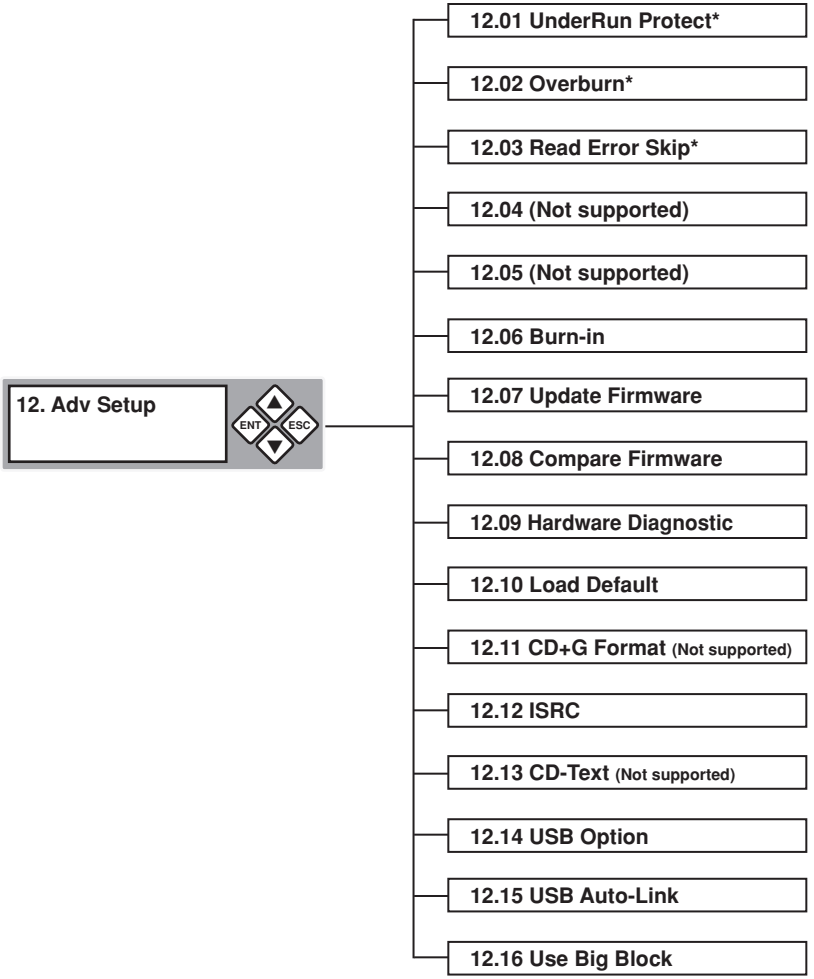
The main menu “Setup” function has 18 subfunctions. These are:



Note: Functions with options are indicated with an asterisk (*).

Overview

The main menu “Adv Setup” (Advanced Setup) function has 16 subfunctions. These are:



Note: Functions with options are indicated with an asterisk (*).

Using the DVD/CD Duplicator

Inserting Discs

1. Press the Eject button on the DVD/CD Recorder.
2. Place the disc in the tray. The printed (non-shiny) surface of the disc should be up.
3. To close the tray, press the Eject button or lightly push the front center of the tray.

Note:

- Never place two discs in the tray at the same time.
- Do not touch the surface of the disc where it has been recorded.
- When using a 120 mm disc, please place it in the center of the tray where you are able to see the larger position specifically for the 120 mm disc.
- When using a 80 mm disc or Business Card CD-R, please place it in the center of the tray where you can see the position for the 80 mm disc.

Ejecting Discs

Disc copies will Auto Eject upon completion of a successful copy. Discs can also be manually ejected from the drives.

1. Press the drive's Eject button.
2. Carefully lift the disc from the tray.
3. To close the tray, press the Eject button or lightly push the front center of the tray.

Note:

- After the tray has been ejected and the disc has been removed or placed onto the tray, make sure to close the tray to its original position to avoid the accumulation of dust or miscellaneous items inside the tray.
- In case of emergency, insert the straightened end of a large paper clip or similar rigid object into the Emergency Eject Pinhole to open the tray. Then gently pull the tray out.

Using the DVD/CD Duplicator

Power Up Sequence

During the normal powering up sequence the 1:2 DVD/CD Copy Cruiser Pro HLX Win/Mac will preform a self-test sequence.

Quick Operating Sequence Overview

- Select Copy function by pressing arrow button. Place the source DVD or CD in the top drive. Place blank DVD-R/RW, DVD+R/RW, CD-R/RW, or CD-RW media in the DVD/CD-Recorder. After the recorder detects the blank DVD/CD disc, press the **ENT** button to start copying.
- When Copy is completed, a good disc copy will be ejected automatically. Failed discs will remain in the DVD/CD-Recorder and can be ejected manually. (Default setting: a good disc will be ejected. This can be changed; see the Set Up section.) For continuous duplication, reload blank discs into the DVD/CD-Recorder and repeat the procedure.
- A failed disc will remain in the DVD/CD-Recorder. (Default setting: A failed disc is NOT ejected.) To manually eject a disc, press the **ENT** button to eject a failed disc or press the eject button on the DVD/CD-Recorder to eject the disc.

Using the DVD/CD Duplicator

Main Menu

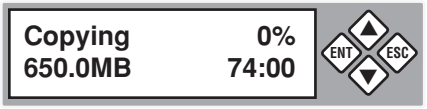
Functions are selected with the arrow keys. The numbers correspond to the Function listing in the previous section.

Copy

During the duplication process, data will be written to a blank DVD-R/RW, DVD+R/RW, or CD-R/RW disc loaded in the Duplicator. Before starting the duplication process, please make sure the source DVD/CD is placed in the DVD/CD-ROM drive.

1. Place a blank DVD-R/RW, DVD+R/RW, or CD-R/RW disc into the DVD/CD-Recorder; when the DVD/CD-Recorder detects the disc is present, press the **ENT** button, and the duplicator will start copying.

2. The LCD will display the status of the copying process.



3. When Copy is finished, the finished copy will be ejected automatically. Any failed discs will remain in the DVD/CD-Recorder. Press the **ENT** button to eject any failed discs.

Note: DVD-RW, DVD+RW, and CD-RW discs which already contain data can also be used as blanks in the 1:2 DVD/CD Copy Cruiser Pro HLX Win/Mac. Any data stored on -RW discs will be automatically erased before copying new data. Be sure you do not want data on DVD-RW, DVD+RW, or CD-RW discs inserted as blanks as any DVD/CD-RW discs inserted in the DVD/CD-Recorder to be used as blank media will automatically be erased, and then the content from the source disc will be recorded on them.

Using the DVD/CD Duplicator

When copying audio CDs, it is highly recommended to copy at a speed of 16x or lower to ensure the best possible quality audio reproduction. Go to “Setup” and then “Burning Speed” to change copy speed before selecting tracks.

Main Menu

Test

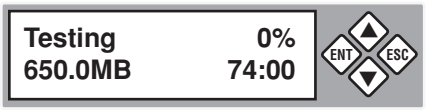
This function is a test process that simulates data being written to the DVD/CD-R/RW disc, without actually burning a disc. When the test process is complete, the DVD-R/RW or CD-R/RW discs will remain blank. For DVD-RW or CD-RW discs that contain data, "Test" will quick erase all old data before simulation. Therefore, never perform "Test" on DVD/CD-RW discs that contain important data.

Note: Test is not supported by DVD+R/RW discs.

1. Press the **ENT** button to start the disc simulation, or press **ESC** to exit. Pressing **ESC** before the simulation is complete will not affect the DVD-R/CD-R disc and they will still remain blank.

2. For DVD/CD-RW discs that contain data, Test will perform a Quick Erase before the actual testing. Thus, never run Test on DVD/CD-RW discs that contain important data.

3. The LCD will display the status of the erasing and testing of the DVD/CD.



4. When the process is completed, the LCD will display the status.

Main Menu

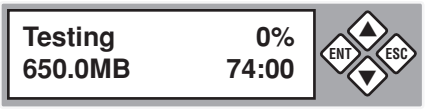
Test & Copy

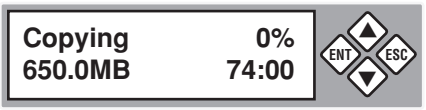
This function will run Test described above before automatically starting the Copy Function.

Note: Test & Copy is not supported by DVD+R/RW discs.

1. Press the **ENT** button to start the test and copy process. Before starting the Copy function, the Test function as described above will be performed.

2. When testing is completed, the duplicator will start writing data onto the DVD/CD-R/RW disc.





3. When the process is completed, the LCD will display the status.

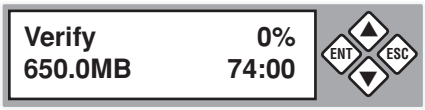
Main Menu

Verify

This function will verify that the disc copies can be read correctly in a DVD/CD-ROM after duplication. Leave the source disc in the DVD/CD-ROM, and the duplicate disc in the DVD/CD-Recorder will be verified simultaneously.

1. Press the **ENT** button to start disc verifying, or press **ESC** to exit.

2. The LCD will display the status of the verification.



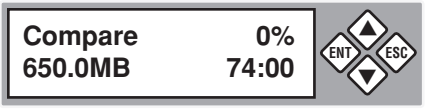
3. When the process is completed, the LCD will display the result.

Main Menu

Compare

This function will compare the data on the source disc to the target discs after disc copy.

1. Press the **ENT** button to do the disc compare, or press **ESC** to exit. Press the **ENT** button again to show detailed "Compare" information. The LCD display shows information for the source.



2. When the comparison is completed, the LCD will display the result.

3. Press **ENT** again for the status of each copy.

4. If the compare result is identical, the LCD will display the message shown.

Main Menu

Compare - *continued*

5. If the comparison fails, the LCD will display the number of discs that failed and passed.

6. Press the **ENT** button again for the status of each copy.

7. If the comparison fails, the LCD will display the reason for the failure.

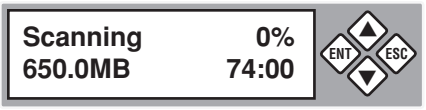
Main Menu

Prescan

This function will scan the source disc and determine if it can be read correctly and test the reading speed. The reading speed of the source disc should be higher than the writing speed for the target disc(s).

1. Press the **ENT** button to prescan the disc, or press **ESC** to exit.

2. The LCD will display the status of the prescan.



3. If a disc can be read correctly, the LCD will display OK.

4. If it cannot read the source disc correctly, the LCD will display FAIL. A FAIL disc cannot be copied.

Main Menu

Disc Info

This function will show the track information of the source disc.

1. Press the **ENT** button to show the disc information, or press **ESC** to exit.

2. The LCD will display the results of the disc information.

3. Press the **ENT** button again and the LCD will display the time and capacity of the source disc.

4. Press the **ENT** button again, and use the arrow keys to display information on the sessions.

5. Press the **ENT** button again, and use the arrow keys to display information on the tracks.

Main Menu

Select Source **(Not supported)**

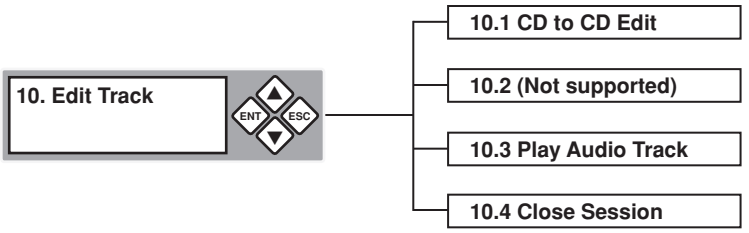
Image **(Not supported)**

Main Menu

Edit Track

Edit Track is a function that allows you to create your own audio compilation CDs. Several tracks can be selected from different CDs and copied to one or more blank CDs. When copying audio CDs, it is highly recommended to copy at a speed of 16x or lower to ensure good quality audio reproduction. Go to “Setup” and then “Burning Speed” to change copy speed before selecting tracks.

This function includes 4 subfunctions. These are:



Main Menu

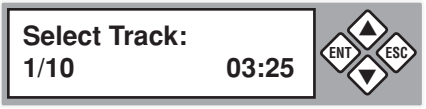
Edit Track

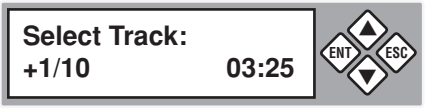
10.1 CD to CD Edit

1. Insert a Source CD into the DVD/CD-ROM and the blank disc in the DVD/CD-Recorder.
2. Use **UP** Arrow or **DOWN** Arrow to scroll through the menu until "Edit Track" is displayed on the LCD screen. Press the **ENT** button to select or press **ESC** to go to the next setting.

3. Select "CD to CD Edit" displayed on the LCD screen.

4. Press **ENT** and scroll to "Select Track" to select the track you want to copy. Press the **ENT** button to select the track, a "+" will appear by the track selected. Pressing the **ENT** button again will cancel the selection.



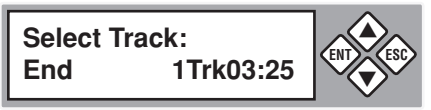


Main Menu

Edit Track

10.1 CD to CD Edit - *continued*

5. Repeat for all tracks you want to copy. Then use the arrow keys to move to **END**, then press the **ENT** button to finish disc editing. Use the arrow keys to make **YES** or **NO** selection. Select **YES** by pressing the **ENT** button.



6. The LCD will display the status of the copying process. At the completion of the copying process, the LCD will display the “Burn Complete!” message. Press the **ENT** button to continue to step 7.

7. The system will display: “Continue Edit”, “Next Disc? Yes”. Use the arrow keys to make **YES** or **NO** selection. To continue, select **YES** to select tracks from the next disc. Repeat steps 1 - 7. If **YES** is selected, the source disc will be ejected. Insert another audio disc to be edited.

8. When you have finished and the display shows: “Continue Edit”, Next Disc? Yes”, use the arrow keys to make **YES** or **NO** selection. Select **NO**.

9. The system will ask to close the disc session. “Close all disc’s session? Yes”. Use the arrow keys to make **YES** or **NO** selection. Select **YES**.

10. LCD display will show the process of closing the session: “Closing Session Please Wait —”.

Note: You will NOT be able to use the new audio CD until you close the session.

11. When the session is closed, this message will be displayed.

Main Menu

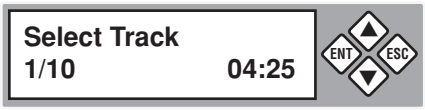
Edit Track - *continued*

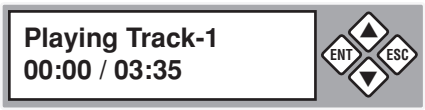
10.2 (Not supported)

10.3 Play Audio Track

By selecting “Play Audio” you can play music with your 1:2 DVD/CD Copy Cruiser Pro HLX Win/Mac. You can connect headphones or speakers to the headphone jack on the DVD/CD-ROM or the speaker jacks on the back of the unit.

1. Load the CD you want to play in that drive and press the **ENT** button to play music. Press **ESC** to index to the next setting.





10.4 Close Session

Selecting “Close Session” will finalize the disc; no further data can be added. This function will make the disc readable on a normal CD player.

1. Press the **ENT** button to enter the setting, or press **ESC** to index to the next setting.

2. The system will ask to close the disc session. “Close all disc’s session? Yes”. Use the arrow keys to make **YES** or **NO** selection. Select **YES**.

3. LCD display will show the process of closing the session: “Closing Session Please Wait —”.

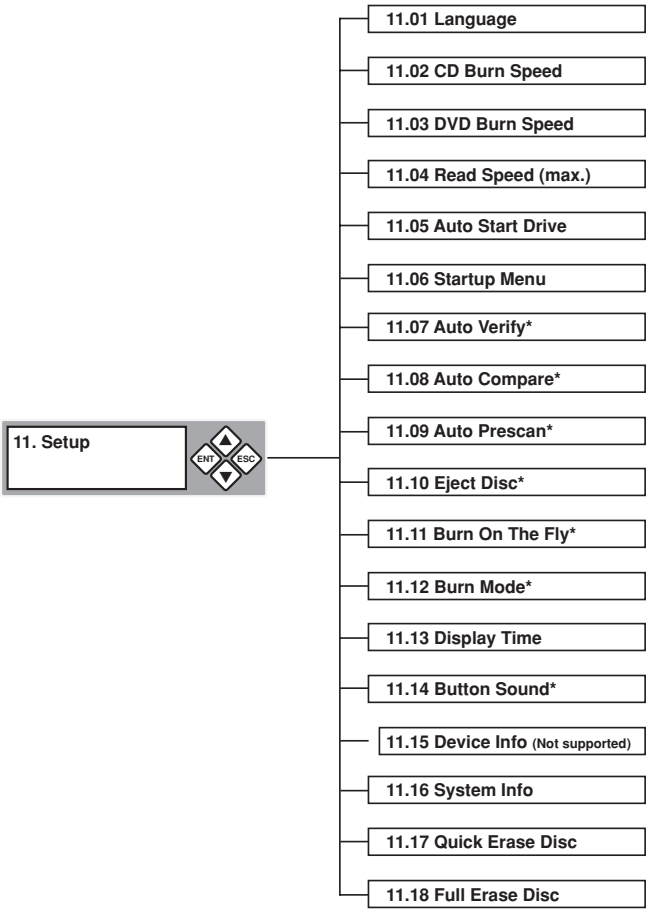
4. When the session is closed, this message will show the passed and failed discs.

Main Menu

Setup

You can change the original default settings using this setup menu. There are different settings to control the duplicator's operation. In general, using the original default settings for optimal performance is suggested.

This function includes 18 subfunctions. These are:



11.01 Language (Optional)

This function selects the language shown on the display (English, Traditional Chinese, Simplified Chinese, and Japanese).

1. To select, press the **ENT** button, or **ESC** to exit.

11.02 CD Burn Speed

This setting controls the maximum CD writing speed of the DVD/CD-Recorders. The default setting is “Auto”, which will use the highest writing speed of the recorders. Sometimes maximum writing speed causes a high failure rate due to poor CD quality or unstable CD writing due to high speed. Lowering the writing speed will increase the probability of making successful copies.

1. Press the **ENT** button to change the setting, or **ESC** to exit.

2. Use the arrow buttons to select the desired speed, then press the **ENT** button.

Main Menu

Setup - *continued*

11.03 DVD Burn Speed

This setting controls the maximum DVD writing speed of the DVD/CD Recorders. The default setting is "Auto", which will use the highest writing speed of the recorders. Sometimes maximum writing speed causes a high failure rate due to poor CD quality or unstable CD writing due to high speed. Lowering the writing speed will increase the probability of making successful copies.

1. Press the **ENT** button to change the setting, or **ESC** to exit.

2. Use the arrow buttons to select the desired speed, then press the **ENT** button.

11.04 Read Speed

This function sets the reading speed of the source DVD/CD-ROM.

1. Press the **ENT** button to change the setting, or **ESC** to exit.

2. Use the arrow buttons to select the desired reading speed, then press the **ENT** button.

11.05 Auto Start Drive

The function of the Auto Start Drive is to copy or test automatically once blank discs are loaded into recorders.

1. Default setting is **OFF**. Press **ENT** button to change, or **ESC** to exit.

11.06 Startup Menu

This function selects the menu item that will be the first item shown on the display when you turn on the duplicator. The default setting is “Copy”.

1. Use the arrow buttons to select the desired item (1 - 11), then press the **ENT** button.

Main Menu

Setup - *continued*

11.07 Auto Verify

This setting controls auto verify of the target discs.

1. Default setting is **OFF**; press the **ENT** button to change, or **ESC** to exit.

11.08 Auto Compare

This setting controls auto compare of data between source and target discs after copying.

1. Default setting is **OFF**; press the **ENT** button to change, or **ESC** to exit.

11.09 Auto Prescan

This setting controls auto prescan of the master to verify that it can be read properly, and also tests the reading speed.

1. Default setting is **OFF**; press the **ENT** button to change, or **ESC** to exit.

Main Menu

Setup - *continued*

11.10 Eject Disc

This setting controls the ejection of discs by the DVD/CD-Recorder. Three options are available: “Eject Good Only”, “Eject All Disc”, and “Do Not Eject”.

1. “Eject Good Only” will only eject the passed disc automatically and leave a failed disc in the DVD/CD-Recorder.

2. “Eject All Disc” will eject the disc, whether it has passed or failed.

3. If you select “Do Not Eject”, the disc will remain in the DVD/CD-Recorder when the job is done and you will have to eject the disc from the DVD/CD-Recorder manually. Press the **ENT** button to change the setting, or **ESC** to exit.

11.11 Burn On The Fly

If a disc that contains data is placed in the source drive it will automatically become the source and burn directly to the target drive with this setting **ON**. This setting should always be **ON**. Data will copy directly from the source drive to the target drives.

1. Default setting is **ON**; press the **ENT** button to change, or **ESC** to exit.

11.12 Burn Mode

This setting controls the writing modes of the disc, including “Disc At Once” (DAO) or “Track At Once” (TAO).

1. Default setting is “DAO”. Press the **ENT** button to change, or **ESC** to exit.

Main Menu

Setup - *continued*

11.13 Display Time

This setting controls the time display.

1. Default setting is **ON**; press the **ENT** button to change, or **ESC** to exit.

11.14 Button Sound

This setting controls the button sound.

1. Default setting is **ON**; press the **ENT** button to change, or **ESC** to exit.

11.15 Device Info (Not supported)

11.16 System Info

This function will show the system information on the display.

1. Press the **ENT** button to see the system information, or **ESC** to exit.

Main Menu

Setup - *continued*

11.17 Quick Erase Disc

This function is used for quickly erasing DVD/CD-RW discs.

> **Note:** The Quick Erase Disc simply deletes the directory track, rather than deleting all the data from the disc (contrast this with Full Erase Disc).

1. Press the **ENT** button to enter Quick Erase Disc, or **ESC** to exit. Use the arrow keys to select **YES** or **NO**, and then press the **ENT** button to execute, **ESC** to go back.

2. When the process is finished the display will show the status.

11.18 Full Erase Disc

This function is similar to the Quick Erase Disc, except it removes all the data from the DVD/CD-RW disc. The more data on the DVD/CD-RW disc, the longer time it takes to erase the disc.

1. Press the **ENT** button to enter Full Erase Disc, or **ESC** to exit. Use the arrow keys to select **YES** or **NO** and then press the **ENT** button to execute, **ESC** to go back.

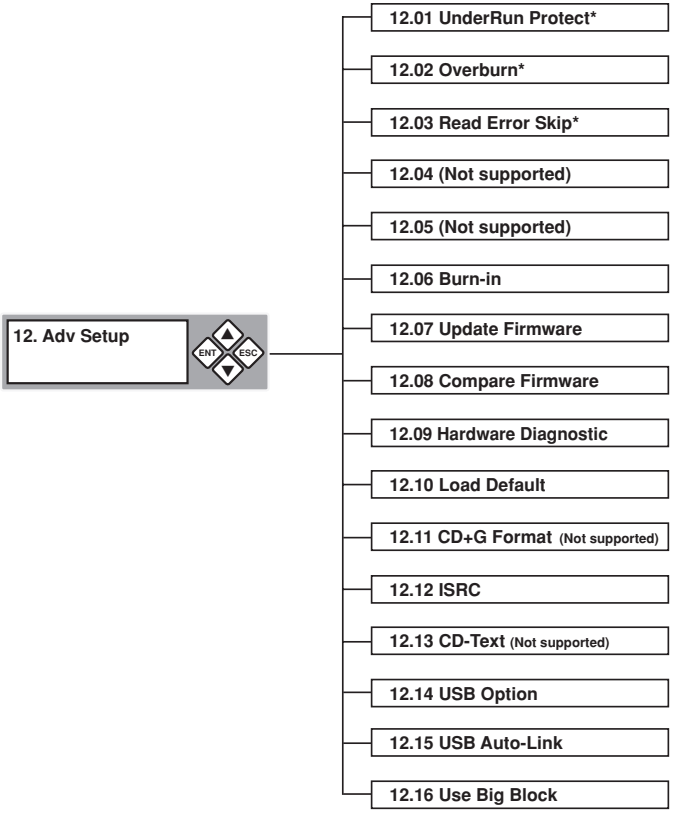
2. When the process is finished the display will show the status.

Main Menu

Advanced Setup

Some advanced setup functions allows users to change the system configuration. Modification should only be made when you are fully familiar with all the functions. To enter this function, press and hold the **ESC** button for about 2 seconds.

The main menu “Adv Setup” (Advanced Setup) function has 16 subfunctions. These are:



12.01 UnderRun Protect

This setting turns Buffer Under Run Protection (also known as “Burn Proof”, “SafeBurn”, “JustLink”, “Seamless Link”, etc.) **ON** or **OFF**.

1. Default setting is **ON**; press the **ENT** button to change, or **ESC** to exit.

12.02 Overburn

This function will allow you to burn a few MB more than the standard capacity of the target Audio CD (e.g. 75 minutes of recording time vs. 74 minutes).

You can activate the overburn function of the DVD/CD-Recorder through this setting.

1. Default setting is **OFF**; press the **ENT** button to change, or **ESC** to exit.

Main Menu

Advanced Setup - *continued*

12.03 Read Error Skip

You can set error skipping function while reading discs with errors. The default setting is **OFF**. If an error is detected during source loading, the duplicator will stop loading and display the error message. If the setting is **ON**, there will be no message shown even if there is an error in reading. You can use this function to copy some DVD/CDs with errors.

1. Press the **ENT** button to change, or **ESC** to exit.

12.04 (Not supported)

12.05 (Not supported)

12.06 Burn-in

Burn-in is a test function. You can set up to test continuously or for a specified number of cycles.

1. Load Blank DVD/CD media in the DVD/CD-Recorder and a source disc in the DVD/CD-ROM drive. The copy process will be simulated, but data will not be written to the target discs.

   Note: Burn In is not supported by DVD+R/RW discs.

2. Go to Burn-in and press the **ENT** button to enter. You can select Test to simulate duplication of DVDs/CDs or Erase and Copy to test DVD/CD-RW erase and write. Use the arrow key to select Continuous or the number of test cycles you want to run. Press the **ENT** button to start the test, or **ESC** to go back to manual operation.

3. Select “Erase&Copy” to test erasing and rewriting to DVD/CD-RW discs only.

Main Menu

Advanced Setup - *continued*

12.07 Update Firmware

This function is to update your firmware.

1. Make sure there are no discs in the system. Place the disc that contains the latest firmware data into the DVD/CD-ROM. During updating, do not turn off the power to the machine, since the updating will not be finished until the machine resets itself.
2. Press **ENT** to update. Display will ask if you want to update. Select **YES**, then press the **ENT** button. Do not turn the power off until the update finishes and the machine resets to COPY.

Procedure to make the Firmware disc:

a. Get the latest firmware download from the Aleratec website at www.aleratec.com.

   Note: Be careful to download the correct firmware; if incorrect firmware is used the duplicator will not function

b. Unzip the firmware and write the file “cdxxx.bin” to a blank DVD/CD-R or DVD/CD-RW disc. The Session of the disc has to be closed.

12.08 Compare Firmware

This function compares the current version firmware with the latest version when the firmware disc is placed into the DVD/CD-ROM.

1. Place the disc that contains the latest firmware data into the DVD/CD-ROM.

12.09 Hardware Diagnostic

This function will detect the devices connected to the duplicator's controller and display information on the hardware.

1. Move to Hardware Diagnostic with the arrow keys and press the **ENT** button to enter.

2. The display will prompt you first for the button test. Follow the instructions on the display to test each button.

3. After the button function test, the system will self test and then display Test Finished.

Main Menu

Advanced Setup - *continued*

12.10 Load Default

This function resets the Duplicator's settings back to their factory default values.

1. By pressing the **ENT** button, the duplicator will be reset to it's factory default settings.

12.11 CD+G (Not supported)

12.12 ISRC & MCN

ISRC & MCN mean the information of international standard recording code such as writer, country, year of publication, etc., can be written into each track.

1. Default setting is **OFF**; press the **ENT** button to change, or **ESC** to exit.

12.13 CD-TEXT (Not supported)

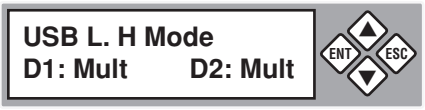
12.14 USB Option

This function lets you connect the Duplicator to a computer. Be sure that your computer supports USB 2.0.

> **Note:** When the USB option is **OFF**, "14. USB Mode" will be hidden; that is, it won't appear in the first layer of the function menu. Only "12. Adv Setup" will appear. When the USB option is **ON**, the original "12. Adv Setup" will change to "12.14 Adv Setup".

There are two ways to enter USB Mode: **Auto** and **Manual**.

1. **Auto:** The Duplicator has auto link. It will enter "USB L. H Mode" simply by connecting the USB cable to the USB port of the Duplicator and the USB port of your computer. The display will appear as shown at the left. When you are finished with USB Mode, simply disconnect the USB cable from the computer, and the Duplicator will switch to Stand Alone.



Main Menu

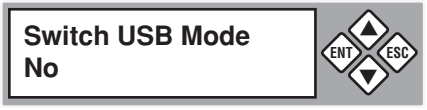
Advanced Setup

12.14 USB Option - *continued*

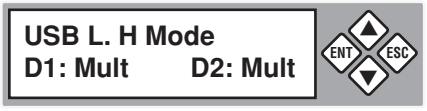
2. **Manual:** Press the **DOWN** Arrow to see the following display. Here you can switch back to standalone mode (copy mode).

3. Press **ENT** and the display will change to the following display. Press the **DOWN** Arrow to switch to **YES**. Press **ENT** and the Duplicator will switch back to the standalone duplicator mode (copy mode).

4. To go back to USB Mode, go to menu item "12.14 USB Mode" and press **ENT**. Press the **DOWN** Arrow to switch to **YES**.



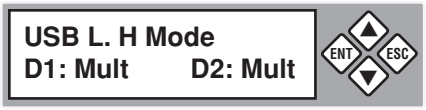
5. Press **ENT** and the display be as shown.



Now you are back in computer connect USB mode. From here, you can return to the Auto Link mode. Make sure the USB cable is connecting the Duplicator to your computer, and switch the Duplicator's power switch to **OFF** and then back to **ON**.

12.15 USB Auto-Link Option

1. Press **ENT** and use the **UP** and **DOWN** arrows to toggle between **ON** and **OFF**. With USB Auto-Link **ON**, the controller will enter "USB L. H Mode" simply by connecting the USB cable to the USB port of the Duplicator and the USB port of your computer.



2. When you are finished with USB Mode, simply disconnect the USB cable from the computer, and the Duplicator will switch to Stand Alone.

12.16 Use Big Block

1. Press **ENT** and use the **UP** and **DOWN** arrows to toggle between **ON** and **OFF**.When **ON**, Big Block enables the use 128-byte blocks for more efficient high speed (12x, 16x, 20x) DVD burning.

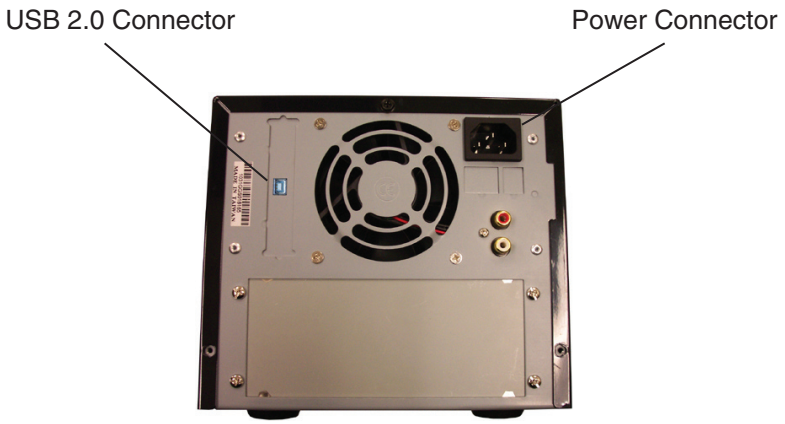
Using the DVD/CD Duplicator

Using the Duplicator as a DVD/CD-Recorder

The 1:2 DVD/CD Copy Cruiser Pro HLX Win/Mac can be used as a DVD/VD-Recorder. Installation consists of connecting the Duplicator to your computer, and installing the software on your computer.

1. Connect the Duplicator to your computer.
   - Connect the USB 2.0 Data Cable to the Duplicator.

     Align and gently attach the USB 2.0 Data Cable.



- Connect the USB 2.0 Data Cable to the Duplicator.

  Align and gently insert the USB 2.0 Data Cable into an available USB 2.0 port on your computer, making sure you do not bend the connector.

- For P/N 260147 and 260148 and systems running Windows 98SE only: Install the USB 2.0 Drivers.

  If you are running Windows 98SE: After your computer starts up, insert the USB 2.0 Driver Software in your computer's DVD/CD-ROM drive, and run the driver install program to complete your installation.

  Note: This step is not needed if you are not running Windows 98SE.

2. Go to Adv Setup step 13 and switch to USB Mode. Your computer should recognize the DVD/CD-Recorder in the 1:2 DVD/CD Copy Cruiser Pro HLX Win/Mac.
3. Install the software from the included CD.

Specifications

Loading Mechanisms	• Tray
Supported Media Types	• DVD-R/RW • DVD+R/RW • CD-R • CD-RW • 120mm, mini CD (8cm/3”) • Business Card CD
Supported Formats	• Most Industry Standard DVD and CD Formats
Recording Modes	• Disk-at-Once • Track-at-Once • Session-at-Once
Copy Speed	• Selectable
Power Requirements	• 115-230 VAC Auto Switching
Dimensions (height x width x depth)	• 17cm x 17.8cm x 28.9cm • (6 5/8” x 7”x 11 3/8”)
Weight	• 4.6 kg (10.1 lbs)
Warranty	• Limited 1 Year Parts and Labor

Troubleshooting

If the 1:2 DVD/CD Copy Cruiser Pro HLX Win/Mac is not performing as expected, refer to the symptoms in the following table, and follow the suggested corrective action.

Symptom	Corrective Action
Fail (an issue was encountered during the operation)	• Fail messages are usually caused by a problem recording onto the blank media. • Errors are more likely to occur with poor quality media; store brands, generic or bargain brands should be avoided. • Reduce the speed at which the duplicator records using the **CD Burn Speed** and/or **DVD Burn Speed** option in the Setup menu. • A firmware update may be available to improve media compatibility; please contact Aleratec Technical Support for assistance.
Source Disc Empty (the source disc does not contain any data)	• Verify that the disc you wish to copy contains the appropriate data. • The tray currently set as "source" ejects, which by default, should be the top tray. If a different tray opens, the **Select Source** setting must be adjusted.
Source Drive Not Ready (the duplicator did not detect a disc to copy)	• Check that the disc you wish to copy is inserted correctly, with the data (shiny) side facing down. • Verify that the disc you wish to copy can be read by another device, for example a personal computer. • Change to a different source disc and try the operation again.
Source Drive Read Disc Error (the disc you wish to copy may contain errors or copy protection)	• Remove the source disc and inspect the data side for scratches, scrapes, smudges or other contaminants. • Most commercially produced DVDs are protected and cannot be copied. • Prior to any copy attempt, use **Prescan** to determine if a particular disc can be read correctly by the duplicator.

Troubleshooting

Symptom	Corrective Action
Target Overflow (the amount of data on the disc you wish to copy exceeds the capacity of the blank media)	• Use the **Disc Info** option to determine the type of disc the source is, and its capacity (listed in MB). • To copy CDs that have slightly more information than the normal empty capacity, the **Overburn** option must be enabled from Advanced Setup menu. • A dual- (double-) layer disc would be required to copy a DVD containing more than 4,500 MB of data. These discs have room for about twice the amount of a standard recordable DVD, about 8.5 GB.
Target Drive Not Ready (the duplicator was unable to detect blank disc(s) of the correct type)	• The disc(s) you wish to copy onto may already have some data recorded. • Press the power switch to turn the duplicator off. Wait for about ten seconds, then power on and attempt the operation again. • Check that the disc(s) you wish to copy onto are inserted correctly, with the data (shiny) side facing down. • A CD cannot be copied onto a DVD, or vice versa. Use the **Disc Info** function to determine the format of the source disc.
Copier F/W Fail, Please Update F/W (the firmware has become corrupt and must be reinstalled)	• Contact your support administrator or Aleratec Technical Support.
Copy completes successfully but copies fail to play back or execute.	• Use the **Compare** function to verify the copied disc matches the original. For audio CDs, use **Verify** instead to ensure the disc is readable. • Change to a different drive or playback device and retry. • Configure the **Burn Speed** options to record at a slower speed. Discs burned at maximum speed (default setting) may cause difficulties for playback devices. • Such issues are more likely to occur with poor quality media; store brands, generic or bargain brands should be avoided.

Troubleshooting

Symptom	Corrective Action
Buttons do not function when pressed.	• A momentary pause may occur while scrolling through menu options, as certain functions require a refresh of the source disc's details. • The duplicator still may be busy with the last task. Check the display for messages that indicate an operation in progress. • Button mechanism may be malfunctioning. Switch the power off, wait 10 seconds, and then power on again to check for any improvement.
No message on the display and/or no indicator lights when powered on.	• Cycle the power by switching the power off, waiting 10 seconds, and then powering on again. • Check that the power cord is fastened securely to the duplicator, and to the electrical outlet. • Test the electrical outlet with another appliance.

Technical Support

After reading this User Guide, if you need additional assistance with this product, please contact Aleratec Technical Support. Our technical staff will be happy to assist you, but they may need your help to better assist you. Calling Aleratec Technical Support without all the necessary information can be both time consuming and frustrating. Therefore, please try to have the following information ready before calling:

1. Serial Number - the serial number is located on the back of the DVD/CD Copy Cruiser Pro HLX Win/Mac.
2. Troubles - your questions about the DVD/CD Copy Cruiser Pro HLX Win/Mac. Please provide enough information about your problems so our technical staff can recreate and diagnose it.

Technical Support Addresses and Phone Numbers

- By e-mail: **support@aleratec.com**
- By Telephone: **1-818-678-0484**

  Technical Support Group can be reached 8:00 AM to 5:00 PM, Pacific Time, Monday through Friday, excluding U.S. holidays.

  Please try to call from a phone near your computer system.

- Access is available 24 hours a day, 365 days a year, via:

  The World Wide Web at: **www.aleratec.com**

  FAX at: **1-818-678-0483**

Service and Support

Aleratec, Inc., Limited Warranty

This Limited Warranty covers defects encountered in the course of normal use of this product and does not apply to damage from improper use, abuse, accidents, unauthorized service, or inadequate packaging when shipping the product to Aleratec, Inc.

Aleratec, Inc. provides the following limited warranty for this product only if the product was originally purchased for use, not re-sale, from Aleratec, Inc., an Aleratec, Inc. authorized dealer or distributor, or any other Aleratec, Inc. approved reseller for this product. This product is warranted to be free from defects in workmanship and material for a period of one year from the date of your original purchase.

If the product fails during normal and proper use within the warranty period, Aleratec, Inc. will, at its option, repair or replace the product at no cost (except shipping and insurance). This limited warranty does not include service to repair damage from improper installation, accident, disaster, misuse, abuse, or modifications to the subsystem, or by any other causes unrelated to defective materials or workmanship.

Service and Support

Please Note:

This Warranty is valid only within the United States and Puerto Rico, and applies only to products that are new and unopened on the date of purchase. For areas outside the United States and Puerto Rico, contact the authorized dealer from whom you purchased this product to determine which warranty, if any, applies.

THIS LIMITED WARRANTY CONSTITUTES YOUR SOLE AND EXCLUSIVE REMEDY, AND THE SOLE AND EXCLUSIVE LIABILITY OF ALERATEC, INC., AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OF ITEMS FOR A PARTICULAR PURPOSE.

Your sole remedy shall be repair or replacement, with new or refurbished components, as provided in this Limited Warranty. Aleratec, Inc. shall not be liable for any direct, indirect, special incidental products or consequential damages, including, but not limited to, any loss of data or loss of profits or business, regardless of the form of action or theory of liability resulting from any defect in, or use of, this product (even if Aleratec, Inc. has been advised of the possibility of such damages).

In any event, the liability of Aleratec, Inc. under this Limited Warranty, for damages to you or any third party, regardless of the form of action or theory of liability, shall not exceed the purchase price you paid for this product.

Some states do not allow limitations of the disclaimer of implied warranties, the period an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the exclusions and limitations stipulated in this Limited Warranty may not apply to you. This Limited Warranty gives you specific legal rights, and you may have other rights which vary from state to state.

Service and Support

To Obtain Warranty Service:

You must ship your subsystem to the authorized dealer where your subsystem was purchased within the one year warranty period and no later than thirty days after discovery of claimed defect, whichever occurs first. In either case, you must provide proof of original purchase before any warranty service can be performed. Products and parts provided as a result of warranty service may be other than new but will be in good working order and become your property at the time of exchange. At the same time, the exchanged products or parts become the property of Aleratec, Inc.

When shipping the subsystem for service, you agree to insure the Duplicator, to prepay shipping charges, and to use the original shipping container or equivalent. Any service outside the scope of this limited warranty shall be at Aleratec, Inc.'s or its Authorized Service Provider's rates and terms then in effect.

This warranty gives you specific legal rights; you may also have other rights which vary from state to state.

Technical Support FAX Back Form

Aleratec, Inc.
Technical Support Fax Back Form

Please record the following information to help expedite any warranty claim:

Model No.: _____ Serial No.: _____

Date Purchased _____

Place of Purchase: _____

To: Technical Support Group FAX: 1-818-678-0483

FROM: _____FAX: _____

E-MAIL _____

RE: _____TEL: _____

DATE: _____# OF PAGES: _____

I am experiencing the following problems with my 1:2 DVD/CD Copy Cruiser Pro HLX™ Win/Mac:

_____

_____

_____

_____

By answering these questions, your problem will be solved more rapidly. Make copies as necessary. You can reach us electronically at: www.aleratec.com on the internet.

NOTE: Please store and track the included software, registration codes and parts carefully. Requests for replacement software, registration codes, and/or parts may incur a fee.

Notes:

Document Number: 9399067_ENG_Rev. A
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